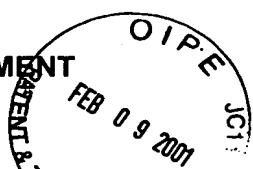


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**INFORMATION DISCLOSURE STATEMENT
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Date: February 9, 2001

Page **1** of **1**

U.S. PATENT DOCUMENTS

Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
RE	AR 4,918,596	04/1990	NAKANO			
RE	BR 5,155,808	10/1992	SHIMIZU			
RE	CR 5,428,783	06/1995	LAKE			
RE	DR 5,546,594	08/1996	WAZUMI			
RE	ER 5,790,431	08/1998	AHRENS, Jr. et al.			
RE	FR 5,889,989	03/1999	Robertazzi et al.			

FOREIGN PATENT DOCUMENTS

	Document Number	Date MM/YYYY	Country	Inventor Name	English Abstract	Translation Readily Available		
					Enclosed	No	Enclose	No
	GR 0 853 279	07/1998	Europe	Nagaratnam et al.				

OTHER (Including in this order: Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

RE	HR	McHenry et al., "An FPGA-Based Coprocessor for ATM Firewalls," Field-Programmable Custom Computing Machines 1997, 16-18 April 1997, pages 30-39, XP-002157218		
RE	IR	Alexandrov et al., "SuperWeb: Research Issues in Java-Based Global Computing," Concurrency, Vol. 9, No. 6, June 1997, pages 535-553		
RE	JR	Baratloo et al., "Charlotte: Metacomputing on the Web," 9th International Conference on Parallel and Distributed Computing Systems (PDCS), 1996, pages 1-8		
RE	KR	Brecht et al., "ParaWeb: Towards World-Wide Supercomputing," Proceedings of the Seventh ACM SIGOPS European Workshop, September 1996, 8 pages		
RE	LR	Capello et al., "Market-Based Massively Parallel Internet Computing," Proceedings Third Working Conference on Massively Parallel Programming Models, 1998, pages 118-129		
RE	MR	Fox et al., "Towards Web/Java based High Performance Distributed Computing-an Evolving Virtual Machine," www.npac.syr.edu/projects/webspace/doc/hpdc5/paper, June 10, 1996, 11 pages		
RE	NR	Fox et al., "Towards Web/Java based High Performance Distributed Computing-an Evolving Virtual Machine," as presented at 5 th IEEE International Symposium on High Performance Distributed Computing, August 6-9, 1996, 86 pages		
RE	OR	Hayes, "Computing Science: Collective Wisdom," American Scientist, March-April 1998, pages 1-8		
RE	PR	Waldspurger et al., "Spawn: A Distributed Computational Economy," IEEE Transactions on Software Engineering, Vol. 18, No. 2, February 1992, pages 103-117, XP-002124500		

Examiner Bradley Edelman

Date Considered: 3/27/01

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 (modified)
 To: U.S. Department of Commerce
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Atty. Dkt. No.	M#	Client Ref.
		0241552
RECEIVED MAR 08 2001 Technology Center 2100		
Applicant: ELLIS III, Frampton E.		
Appln. No.: 09/085,755		
Filing Date: May 27, 1998		
Examiner: B. Edelman		Group Art Unit: 2757

**INFORMATION DISCLOSURE STATEMENT
BY APPLICANT**

Date: March 7, 2001

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U.S. PATENT DOCUMENTS

Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
BE	AR 5,815,793	09/29/98	FERGUSON			
BE	BR 5,031,089	7/1991	LIU et al.			
BE	CR 5,103,393	4/1992	HARRIS et al.			
BE	DR 5,357,632	10/1994	PIAN et al.			
BE	ER 5,457,797	10/1995	BUTTERWORTH et al.			
BE	FR 5,515,511	5/1996	NGUYEN et al.			
BE	GR 5,586,121	12/1996	MOURA et al.			
BE	HR 5,594,491	1/1997	HODGE et al.			
BE	IR 5,608,448	3/1997	SMORAL et al.			
BE	JR 6,098,091	08/2000	KISOR			
BE	KR 4,827,508	05/1989	SHEAR			
BE	LR 4,969,092	11/1990	SHORTER			
BE	MR 5,025,369	06/1991	SCHWARTZ			
BE	NR 5,109,512	04/1992	BAHR et al.			

FOREIGN PATENT DOCUMENTS

	Document Number	Date MM/YYYY	Country	Inventor Name	English Abstract		Translation Readily Available	
					Enclosed	No	Enclose	No
BE	OR WO94/01964	1/1994	WIPO					
BE	PR WO95/01060	1/1995	WIPO					
	QR							

OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

BE	RR	White, "Covert Distributed Processing with Computer Viruses," Advances in Cryptology, Crypto 89, Springer LNCS, v. 435, pp. 616-619		
	SR	Plotkin, "The Digital Compression Facility-A Solution to Today's Compression Needs," 1994 IEEE, pp 445-449		
	TR	Bevinakoppa et al., "Digital Image Compression on a Network of Transputers," Proc. of 5 th Australian Transputer & OCCAM User Group Conference, IOS Press, Amsterdam, pp. 25-32		
	UR	Shen et al., "A Parallel Implementation of an MPEG1 Encoder: Faster than Real-Time!", Proc. Of SPIE Conf. On Digital Video Compression, San Jose, CA, Feb. 1995		
	VR	Litzkow et al., "Condor-A Hunter of Idle Workstations," Proc. Of the 8 th Int'l. Conf. On Distributed Computing Systems, IEEE, pp. 104-111, Jun. 1998		

Examiner B. Edelman

Date Considered: 3/28/01

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Atty. Dkt. No.	M#	Technology Center 2000	MAR 08 2001	Client Ref.
			0241552	1212US
Applicant: ELLIS III, Frampton E.				
Appln. No.: 09/085,755				
Filing Date: May 27, 1998				
Examiner: B. Edelman		Group Art Unit: 2757		

**INFORMATION DISCLOSURE STATEMENT
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Date: March 7, 2001

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U.S. PATENT DOCUMENTS

Examiner's Initials*		Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
BE	AR	5,136,708	08/1992	LAPOURTE et al.			
BE	BR	5,341,477	08/1994	PITKIN et al.			
BE	CR	5,410,651	04/1995	SEKIZAWA et al.			
BE	DR	5,522,070	05/1996	SUMIMOTO			
BE	ER	5,568,375	10/1996	RAUSCH			
BE	FR	5,710,884	01/1998	DEDRICK			
BE	GR	5,758,077	05/1998	DANAHY et al.			
BE	HR	5,758,345	05/1998	WANG			
BE	IR	5,774,668	06/1998	CHOQUIER et al.			
BE	JR	5,815,665	09/1998	TEPER et al.			

FOREIGN PATENT DOCUMENTS

		Document Number	Date MM/YYYY	Country	Inventor Name	English Abstract	Translation Readily Available
	KR					Enclosed	No

OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

BE	LR	Vetter, R. et al., "Issues and Challenges in ATM Networks," Communications of the ACM, 2/1995; vol. 38, No. 2, pp. 28-29		
	MR	Vetter, R., "ATM Concepts, Architectures, and Protocols," Communications of the ACM, Feb. 1995; vol. 38, No. 2, pp. 30-38, 109		
	NR	Kim, B., "ATM Network: Goals and Challenges," Communications of the ACM, Feb. 1995, vol. 38, No. 2, pp. 39-44, 109		
	OR	Sachs, M. et al., "LAN and I/O Convergence: A Survey of the Issues," Computer, Dec. 1994, pp. 24-32		
	PR	Fox, E., "Advances in Interactive Digital Multimedia Systems," Computer, Oct. 1991, pp. 9-21		
	QR	Lindley, C., "JPEG-Like Image Compression, Part I," Dr. Dobb's Journal, Jul. 1995, pp. 50-58, 101-102		
	RR	Lindley, C., "JPEG-Like Image Compression, Part 2," Dr. Dobb's Journal, Aug. 1995, pp. 62-66, 102-105		
	SR	Ozer, J., "Why MPEG is Hot," PC Magazine, Apr. 11, 1995, pp. 130-131		
	TR	Theimer et al., "Finding Idle Machines in a Workstation-Based Distributed System," IEEE Trans. On Software Engineering, vol. 15, No. 11, pp 1444-1458, Nov. 1989		

Examiner Broad Edelman

Date Considered: 3/28/01

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**INFORMATION DISCLOSURE STATEMENT
 BY APPLICANT**

Date: March 7, 2001

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Applicant: ELLIS III, Frampton E.

Appln. No.: 09/085,755

Filing Date: May 27, 1998

Examiner: B. Edelman

Group Art Unit: 2757

U.S. PATENT DOCUMENTS

Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
BE	AR 5,881,284	03/1999	KUBO			
BE	BR 5,964,832	10/1999	KISOR			
BE	CR 6,052,555	04/2000	FERGUSON			
BE	DR 5,844,594	12/1998	FERGUSON			
BE	ER 6,112,243	08/2000	DOWNS et al.			

FOREIGN PATENT DOCUMENTS

	Document Number	Date MM/YYYY	Country	Inventor Name	English Abstract	Translation Readily Available
FR						

OTHER (Including in this order: Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

GR	Ozer, "Digital Video: Shot by Shot," PC Magazine, Apr. 11, 1995, pp. 104-107, 110		
BE	HR Yoshida, J., "MPEG-2 encoders make show of force at NAB," Electronic Engineering Times, Apr. 10, 1995		
	IR Gemmell et al., "Multimedia Storage Servers: a Tutorial," Computer, May 1995, pp. 40-49		
	JR Fogg, C., "Survey of software and hardware VLC architectures," SPIE, vol. 2186, Image and Video Compression (1994), pp. 29-37		
	KR Szabo, B., et al., "Design considerations for JPEG Video and Synchronized Audio in a Unix Workstation Environment," USENIX-Summer '91, pp. 353-368		
	LR Nass, R., "Hardware-software combo could simplify MPEG real-time video compression," Electronic Design, May 3, 1993, p. 36		
	MR Schroeder, E., "New offerings buoy MPEG as video standard," Desktop Computing, PC Week, May 8, 1995, pp. 1&29		
	NR Yu, Y. et al., "Software Implementation of MPEG-II Video Encoding Using Socket Programming in LAN," SPIE vol. 2187, pp. 229-240, 1994		
	OR Clark, H. et al., "DAWGS-A Distributed Computer Server Utilizing Idle Workstations," Proc. Of the 5 th Distributed Memory Computing Conf., IEEE, pp. 732-741, April 1990		
	PR Blumofe, R. et al., "Scheduling Large-Scale Parallel Computations on Networks of Workstations," Proc. Of the 3 rd IEEE Int'l Symp on High Performance Distributed Computing, pp. 96-105, Aug. 1994		
	QR Celenk, M. et al., "Parallel Task Execution in LANs and Performance Analysis," Proc. Of the 1995 IEEE 14 th Annual Int'l Phoenix Conf. On Computers and Communications, pp. 423-429, Mar. 1995		

Examiner B. Edelman Date Considered: 3/28/01

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		MAR 08 2001 Technology Center 2000 U.S. Patent and Trademark Office	
Client Ref. 2000 0241552 2000 DNC12US			
Applicant: ELLIS III, Frampton E.			
Appln. No.: 09/085,755			
Filing Date: May 27, 1998			
Examiner: B. Edelman		Group Art Unit: 2757	

**INFORMATION DISCLOSURE STATEMENT
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	AR					
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	ER					

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	FR						

OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

BE	GR	Kremien, O., "Buying and Selling Computational Power Over the Network," Proc. Of the 4 th Int'l. Conf. On Computer Communications and Networks, IEEE, pp. 616-619, Sep. 1995		
	HR	Chen, C. et al., "The DBC: Processing Scientific Data Over the Internet," Proc. Of the 16 th Int'l. Conf. On Distributed Computing Systems, pp. 673-679, May 1996		
	IR	Shiuan, J. et al., "Client-Server Based Ray-Tracer Using ASTRA: An Asynchronous RPC Mechanism," Computer Communications, vol. 19, No. 5, pp. 445-455, May 1996		
	JR	Morris, J., et al., "Fault Tolerant Networks of Workstations," Proc. Of the 3 rd Int'l. Conf. On High Performance Computing, IEEE, pp. 271-276, Dec. 1996		
	KR			
	LR			
	MR			
	NR			
	OR			
	PR			
	QR			

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